



# Recombinant Escherichia coli O45:K1 Glycogen debranching enzyme (glgX)

<b>Product Code</b>	CSB-MP001446EOK
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	B7MDR6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O45:K1 (strain S88 / ExPEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MTQLAIGKPT PLGAHYDGQG VNFTLFSAHA ERVELCVFDA NGQEHRYDLP  GHSGLDIWHGY LPDARPGRLY GYRVHGPWQP AEGHRFNPAK LLIDPCARQI  DGEFKDNPLL HAGHNEPDYR DNASIAPKCV VVVDHYDWED  DAPPRMPWGC TIIYEAHVKG LTYLHPEIPV EIRGTYKALG HPVMINYLKQ  LGITALELLP VAQFASEPRL QRMGLSNIYWG YNPVAMFALH PAYACSPETA  LDEFRDAIKA LHKAGIEVIL DIVLNHSAEL DLDGPLFSLR GIDNRSYYWI  REDGDYHNWT GCGNTLNLSH PAVVDYASAC LRYWVETCHV  DGFRFDLAAV MGRTPEFRQD APLFTAIQNC PVLSQVKLIA EPWDIAPGGY  QVGNFPPLFA EWNDHFRDAA RRFWLHYDLP LGAFAGRFAA SSDVFKRNGR  LPSAAILVT AHDGFTLRDC VCFNHKHNEA NGEENRDGTN NNYSNNHGKE  GLGGTLDLVE RRRDSIHALL TLLLSQGTP MLLAGDEHGH SQRGNNNAYC  QDNQLTWLDW SQASSGLTAF TAALIHRLKR IPALMENRWW EEGDGNVRWL  NRYAQLPLSTD EWQNGPKQLQ ILLSDRFLIA INATLEVTEI VLPAGEWHAI  PPFAGEDNPV ITAVWQGPAH GLCVFQR</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	glgX
<b>Protein Names</b>	Recommended name: Glycogen debranching enzyme EC= 3.2.1.- Alternative name(s): Glycogen operon protein GlgX
<b>Expression Region</b>	1-657
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.